

ABSTRACT OF THE DISCLOSURE

The invention relates to methods and a high speed communication device that allow one of a plurality of high speed communication devices connected to a transmission line having a normal impedance to effectively receive data.

The high speed communication device can include a transmission line interface connected to the transmission line, a receiver connected to the transmission line interface, and a transmitter selectively coupled to the transmission line interface. The transmitter can have an impedance substantially equal to the normal line impedance.

The high speed communication device can present a high impedance to the transmission line with respect to the normal line impedance when the transmitter is not coupled to the transmission line interface, and the high speed communication device can present an impedance to the transmission line that is substantially equal to the normal line impedance when the transmitter is coupled to the transmission line interface.